

## MATHEMATICS EDUCATION IN SOCIALIST COUNTRIES

Prof. Frank Swetz of the Pennsylvania State University is editing a book on socialist mathematics education and seeks contributors to write on specific countries. The intention of the book is to examine the techniques and processes employed by socialist countries in promoting mathematics excellence among their students while at the same time satisfying the industrial and technical needs of the state. A contribution should consist of about 50 double-spaced typewritten pages and follow the general outline: pre-socialist system; socialist educational structure; mathematics curriculum; teacher training; teaching practices; research on mathematics learning and conclusions.

Interested colleagues should write to: Frank Swetz, Assoc. Prof. of Mathematics and Education, Capitol Campus, The Pennsylvania State University, Middletown, Penna. 17057, U.S.A.

## DISSERTATIONS IN THE USSR 1973/1974

R.A. Simonov, Doctor of Historical Sciences, History Faculty, University of Moscow, "Ancient mathematical knowledge and its significance for historical science."

M.M. Korentsova, Candidate of Physico-Mathematical Sciences, Institute for the History of Science and Technology of the Academy of Science of the USSR, "The development of fluxions in the XVIII century. C. Maclaurin."

E.I. Slavutin, Candidate of Physico-Mathematical Science, IHST AS USSR, "Algebraic methods in ancient times."

## DISSERTATION IN PROGRESS

Albert Crawford Lewis, University of Texas, "Herman Grassmann's *Ausdehnungslehre* of 1844." Supervised by an interdisciplinary committee chaired by Dr. Robert Palter.